

Figure 1

Diagram illustrating a communication system. An aircraft (40) is shown in flight, emitting a signal (indicated by lines) towards a satellite (42) in orbit. The satellite (42) is positioned above a large, textured, cylindrical object (44) on the ground. A ground-based antenna (46) is shown on the right, receiving a signal from the satellite (42). The ground surface is labeled 48.

48



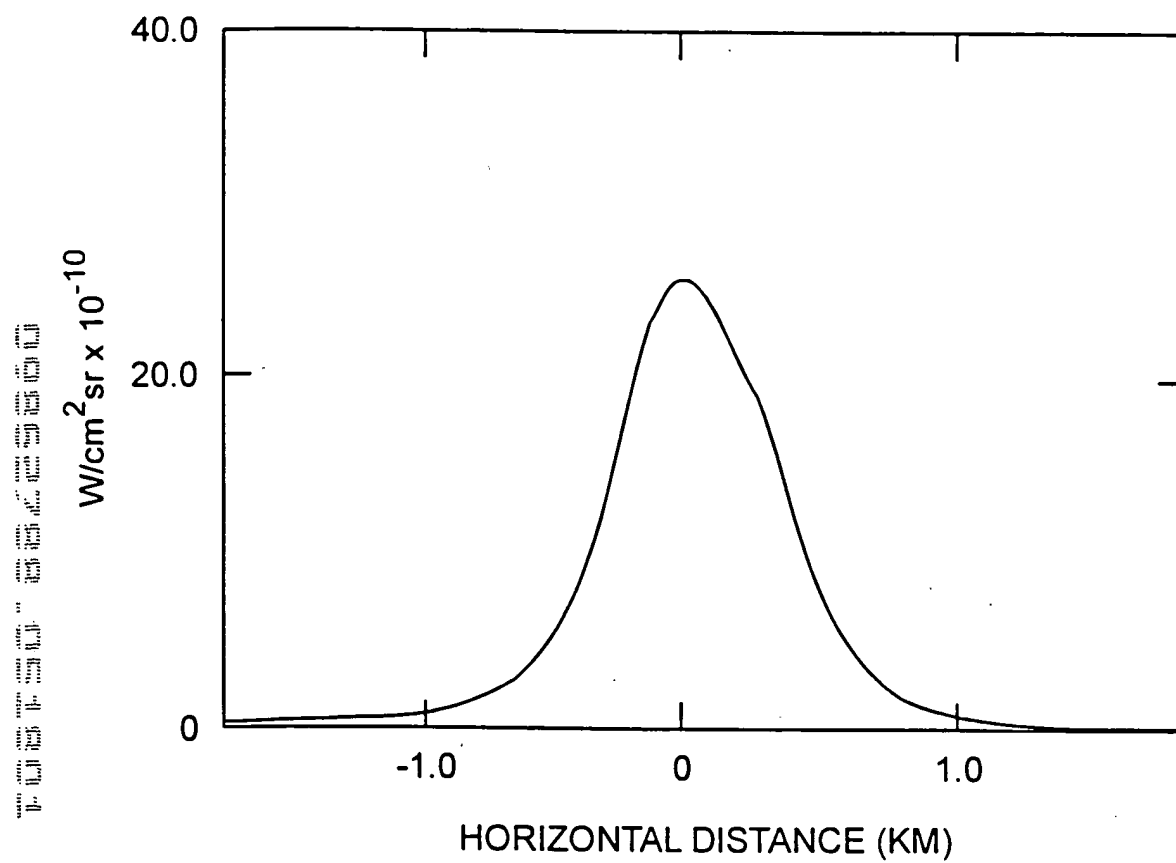


FIG 4.

FOUO - 00000000

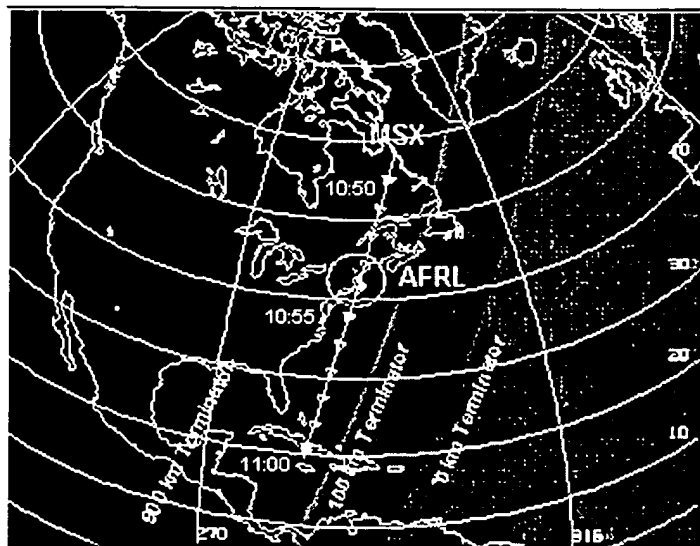


Fig. 5

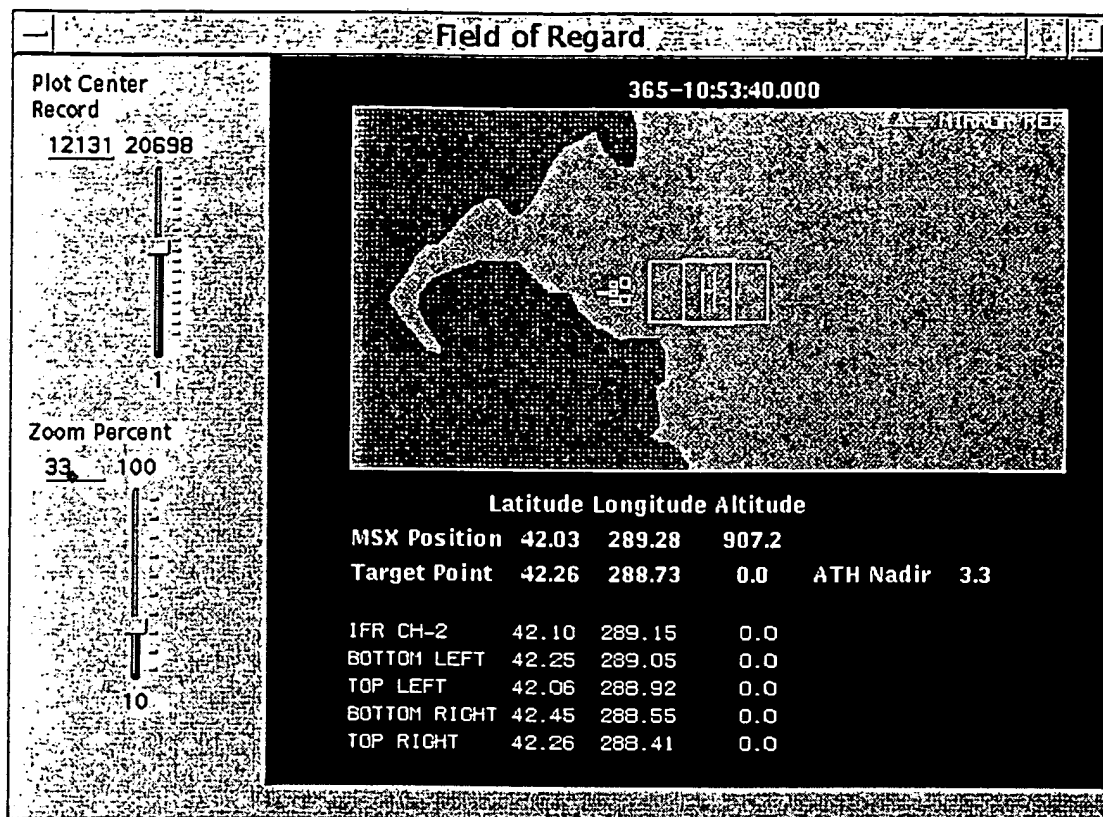


Fig. 6

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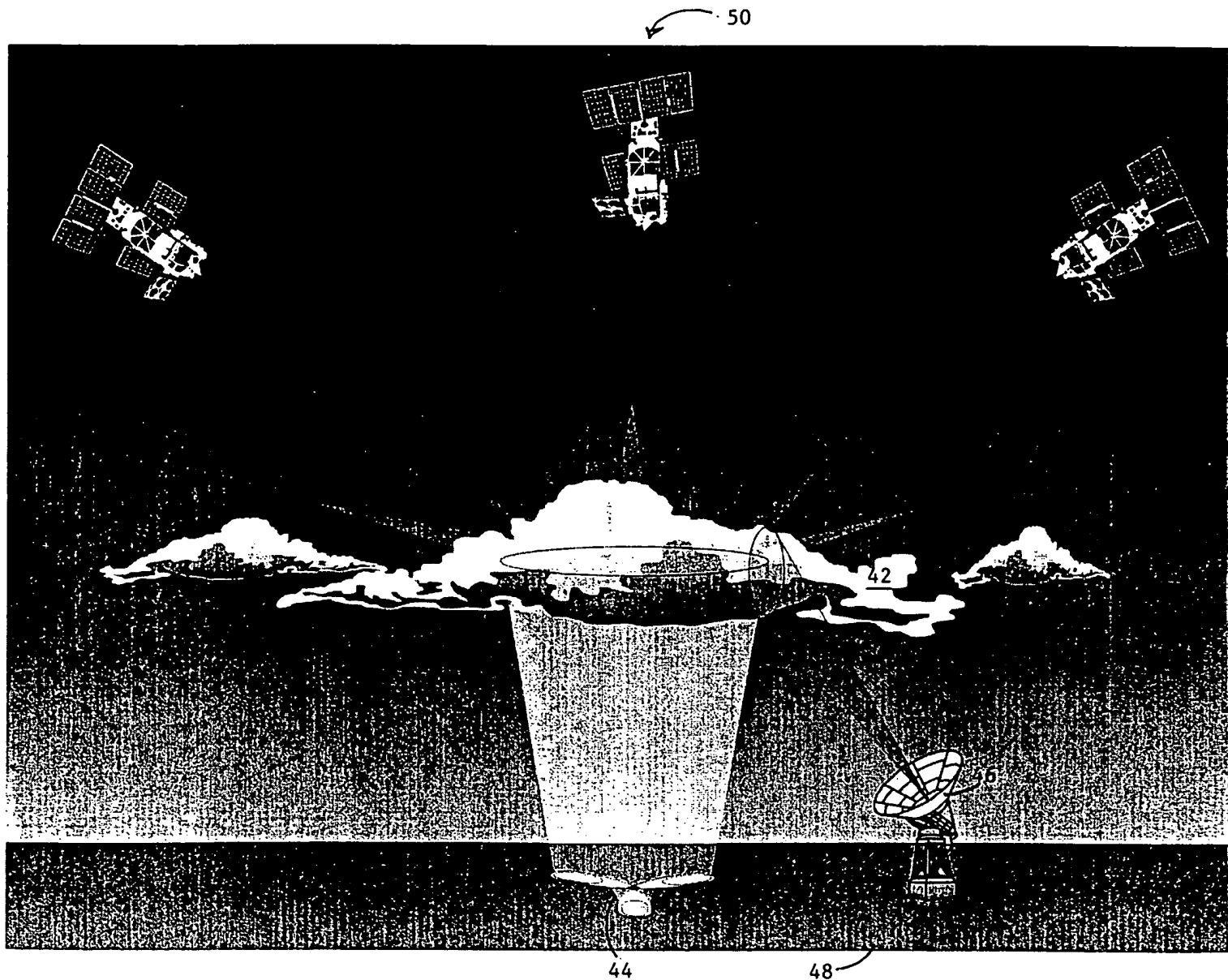


Fig. 7

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